

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. BSA 03-15	SERIAL NO. Unassigned 10/686,577
	APPLICANT David J. Schlyer, et al.	CONFIRMATION NO. Unassigned
	FILING DATE Herewith	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MT	5,793,254	8/11/98	O'Connor			
MT	4,864,140	9/5/89	Rogers et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MT		J.-F. Pratte, et al., "Design of a Fast-Shaping Amplifier for PET/CT APD Detectors with Depth-of-Interaction", <i>IEEE Transactions on Nuclear Science</i> , Vol. 49, No. 5, pp. 2448-2454, October 5, 2002.
MT		Paul O'Connor, et al., "Prospects for Charge Sensitive Amplifiers in Scaled CMOS", <i>Nuclear Instruments and Methods in Physics Research</i> , Section A, Vol. 480, pp. 713-725, March 27, 2002.
MT		G. De Geronimo, et al., "Front-End Electronics for Imaging Detectors", <i>Nuclear Instruments and Methods in Physics Research</i> , Section A, Vol. 471, pp. 192-199 (2001).
MT		P. Vaska, et al., "Effects of Inter-Crystal Cross-Talk on Multi-Element LSO/APD PET Detectors", pp. 1-3, April 19, 2002.

EXAMINER Marcel TammingerDATE CONSIDERED 4/8/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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MT		A. Kriplani, et al., "Comparison of Experimentally Measured Light Output with Monte Carlo Simulations from LSO Crystals", pp. 1-2 (2001).
MT		C. Woody, et al., "RatCAP: A Small, Head-Mounted PET Tomograph for Imaging the Brain of an Awake RAT", <i>Elsevier Science</i> , pp. 1-4, May 2003.
MT		P. Vaska, et al., "RatCAP: Miniaturized Head-Mounted PET for Conscious Rodent Brain Imaging", pp. 1-2 manuscript received May 16, 2003.
MT		S. Shokouhi, et al., "System Performance Simulations of the RatCAP Awake Rat Brain Scanner", pp. 1-2, October 2003.
MT		B.J. Pichler, et al., "A 32-Channel LSO Matrix Coupled to a Monolithic 4x8 APD Array for High Resolution PET", Abstract, <i>Proceedings of 2000 IEEE Med. Imag. Conf.</i> (2000).
MT		G. De Geronimo, et al., "A CMOS Fully Compensated Continuous Reset System", <i>IEEE Transactions on Nuclear Science</i> , Vol. 47, No. 4, pp. 1458-1462, August 2000.
MT		P. Vaska, et al., "Imaging the Unanesthetized Rat Brain with PET: A Feasibility Study", <i>IEEE</i> , pp. 1569-1571 (2002).
MT		S. Shokouhi, et al., "A Non-invasive LSO-APD Blood Radioactivity Monitor for PET Imaging Studies", pp. 1-5, November 10, 2002.
MT		S.R. Cherry, et al., "MicroPET: A High Resolution PET Scanner for Imaging Small Animals", <i>IEEE Transactions on Nuclear Science</i> , Vol. 44, No. 3, pp. 1161-1166, June 1997.

EXAMINER Marcus Tanning DATE CONSIDERED 4/8/05

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MT		S. Shokouhi, et al., "A Non-invasive LSO-APD Blood Radioactivity Monitor for PET Imaging Studies", pp. 1-2 (2002).
MT		S. Shokouhi, et al., "A Non-invasive LSO-APD Blood Radioactivity Monitor for PET Imaging Studies", pp. 1-2 (2003).
MT		A. Villanueva Jr., et al., "Spatial Resolution of a Noninvasive Measurement of the Arterial and Venous Input Function Using a Wrist Monitor", pp. 1-2, October 2003.
MT		J.F. Pratte, et al., "Front-end Electronics for the RatCAP Mobile Animal Pet Scanner", pp. 1-2, October 2003.
MT		P. Vaska, et al., "Imaging the Unanesthetized Rat Brain with PET: A Feasibility Study", pp. 1-2, April 20, 2001.
MT		P. Vaska, et al., "Imaging the Unanesthetized Rat Brain with PET: A Feasibility Study", <i>IEEE</i> , pp. 1569-1571 (2002).
MT		A. Chatziioannou, et al., "Performance Evaluation of microPET: A High-Resolution Lutetium Oxyorthosilicate PET Scanner for Animal Imaging", <i>The Journal of Nuclear Medicine</i> , Vol. 20, No. 7, pp. 1164-1175, July 1999.
MT		P. van Zant, "Chapter 5: Overview of Wafer Fabrication", <i>Microchip Fabrication</i> , 3 rd edition, pp. 99-118 (1997).
MT		P. O'Connor, et al., "Low Noise Charge Amplifiers in Submicron CMOS", 5 th International Workshop on Front End Electronics, pp. 1-21, July 2, 2003.

 EXAMINER Marcus Tommingo DATE CONSIDERED 4/8/05

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
David J. Schlyer, et al.

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MT			P. Vaska, et al., "A Practical and Competitive Alternative of Mega-Crystal PET: A Miniature Anger Detector with LSO and APDs", June 2001.
MT			C. Woody, "New Detectors for PET Imaging of Small, Awake Animals", Instrumentation Seminar, pp. 1-50, March 12, 2003.
MT			"Scanning Lab Rats as they Scurry", Popular Mechanics, p. 22, August 2003.
MT			"Électronique Du Scanner Pet", October 2002.

EXAMINER

Marcus Taming

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4/8/05

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